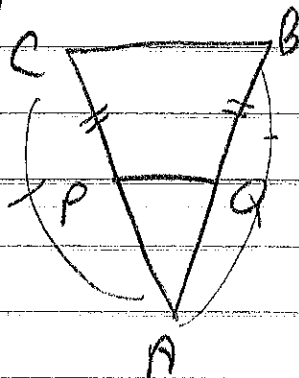


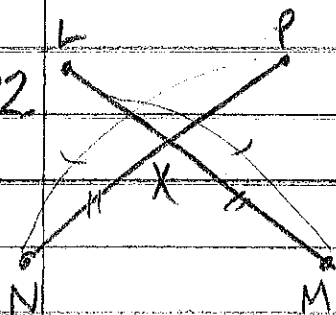
202 7.7 + 2.8  
Subtr  
HW

20 P104



Statements	Reasons
① $\overline{AB} \cong \overline{AC}$ ; $\overline{PC} \cong \overline{QB}$	① Given
② $AB = AC$ $PC = QB$	② Def of $\cong$
③ $AB = AQ + QB$ $AC = AP + PC$	③ SAP
④ $AQ + QB = AP + PC$	④ Subst
⑤ $AQ = AP$	⑤ Subtr
⑥ $\overline{AQ} \cong \overline{AP}$	⑥ def of $\cong$

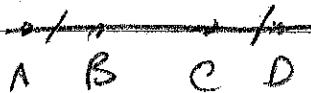
22



Statements	Reasons
① $\overline{LM} \cong \overline{PN}$ $\overline{XM} \cong \overline{XN}$	① Given
② $LM = PN$ $XM = XN$	② def of $\cong$
③ $LM = LX + XM$ $PN = PX + XN$	③ SAP
④ $LX + XM = PX + XN$	④ Subst
⑤ $LX = PX$	⑤ Subtr
⑥ $\overline{LX} \cong \overline{PX}$	⑥ def of $\cong$

P120

54



① $AB = CD$	① Given
② $BC = BC$	② Reflexivity
③ $AB + BC = BC + CD$	③ Addition
④ $AB + BC = AC$ $BC + CD = BD$	④ SAP
⑤ $AC = BD$	⑤ Subst.